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Dated: June 30, 2010 Electronic Signature: /Thomas J. Engellener/
(Thomas J. Engellener)

Docket No.: 105447-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Anthony Atala et al.

Application No.: 10/766,642

Filed: January 28, 2004

For: Enhancement Of Angiogenesis To Grafts
Using Cells Engineered To Produce Growth
Factors

Attorney Docket No.: 105447-2

Confirmation No.: 4621

Group Art Unit: 1651

Examiner: Allison M Ford

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

Applicants submit the following expedited amendments and remarks in response to the Final Office Action dated March 30, 2010. Reconsideration and allowance of the application are respectfully requested.

Amendments to the Claims begins on page 2 of this paper.

Remarks begin on page 6 of this paper.